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To: **Distribution** **Date:** **Sept 20, 1999**

From: **Brenda Strang** BBS

Subject: **TITL Interlaboratory Study #23 Results**

Attached are the results for the Tobacco Industry Testing Laboratory (TITL) Interlaboratory Test #23 and PTL's individual results for the study. The Product Testing Laboratory results for TPM, water, nicotine, tar, puff count, and carbon monoxide were in excellent agreement with TITL's results and the overall industry average results. Following is a table displaying TITL and PTL results for Tar, Nicotine and CO;

23nd Collaborative Study

	Tar, mg/cigt.		Nicotine, mg/cigt.		CO, mg/cigt.	
Sample	**TITL**	**PTL**	**TITL**	**PTL**	**TITL**	**PTL**
C1	1.1	1.3	0.12	0.12	1.9	1.8
C2	4.9	5.0	0.46	0.46	8.1	8.5
C3	9.0	9.1	0.59	0.59	10.9	10.9
C4	12.3	11.9	0.94	0.91	12.9	12.6
C5	15.9	15.5	1.11	1.11	14.8	14.8
C6	19.8	19.7	1.46	1.42	19.5	18.5
C7 (IM16)	15.9	15.4	1.04	1.04	16.2	15.9
slope	1.03	1.00	1.01	0.99	1.03	0.98
intercept	-0.13	0.08	-0.010	0.000	-0.10	0.27

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PTL Files
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